

PROCEEDINGS OF THE  
ENTOMOLOGICAL SOCIETY OF WASHINGTON

VOL. 26

MAY 1924

No. 5

NEW SPECIES OF PYRALIDAE OF THE SUBFAMILY  
NYMPHULINAE FROM TROPICAL AMERICA (LEPID.).

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This paper is a continuation of several which have appeared in the Proceedings of the Entomological Society of Washington describing new species of Pyralidae in the National Museum. Most of the specimens were collected by Barnes and Schaus, a few have been in the collection for many years and are from unknown or indefinite localities. The paratypes from the Cornell Expedition have been generously presented to the Museum by the University. The Museum is also indebted to Mr. P. Dognin of France for several species new to the collection.

*Argyractis maronialis*, new species.

*Male*.—Palpi white, laterally hair brown; throat, pectus, abdomen below and legs white, the fore femora and fore tibiae above hair brown, a black ring on basal joint of fore tarsi; head white; abdomen above with vinaceous buff segmental bands. Fore wings silvery white; base hair brown widest on costa, its outer edge inbent, straight; a similar antemedial patch on costa, its outer edge outbent; a postmedial triangular spot with its apex across discocellular; a subterminal fascia widest on costa, narrowing towards tornus; the antemedial spot followed below in cell by a broad antimony yellow shade to inner margin which is continued below vein 2 to termen, interrupted on inner margin by a slight white postmedial line, and at tornus by an oblique silvery white streak; termen antimony yellow, its inner edge finely fuscous; cilia silvery white. Hind wing white at base; medial antimony yellow fascia from within cell to inner margin, broadly interrupted on submedian fold, containing a few black scales on inner margin; a broad iridescent bar beyond cell and a similar streak below vein 2 to termen; outer area antimony yellow; three velvety black spots on termen partly edged with white and iridescent scales, surmounted by irregular black markings, the line above uppermost spot on a small white space; cilia from apex to vein 2 hair brown at base then white. Fore wing below with costal half hair brown to beyond cell with a whitish line on discocellular, the subterminal fascia as above. Hind wing below cream color the inner margin broadly white, the terminal spots as above.

Expanse, 14 mm.

*Habitat*.—St. Jean, Maroni River, French Guiana.

*Type*.—Cat. No. 26918 U. S. N. M.

Can be placed near *C. aealis* Walker.

*Argyractis cathanalis*, new species.

*Male*.—Palpi and head white; thorax whitish buff, abdomen above light drab, the basal segment white, body below white; legs whitish, the fore tibiae streaked with brown, the fore tarsi light cinnamon drab with fuscous spots on first and last joints. Fore wing silvery white; a subbasal and broad antemedial buffy brown spot on costa; a fine similar medial line from costa to below cell, followed by a paler brown shade to the buffy brown postmedial which is outbent and bifurcates from vein 7 to vein 5, the inner branch edging the naples yellow discocellular line which is also dark edged proximally; the yellow discocellular line is continued by a similar fascia to the terminal band above tornus; an erect medial naples yellow line on inner margin emitting a similar line at vein 2 to the fascia from discocellular; a subterminal buffy brown fascia from costa narrowing to a point at vein 3; terminal band naples yellow proximally edged by a fuscous line; a darker silver streak above inner margin at tornus; cilia on inner margin naples yellow, on termen silver white with dark shading at apex. Hind wing silvery white at base and along inner margin; a faint small brownish spot at anal angle; a naples yellow fascia across middle of cell followed by a silver bar extending below cell, the postmedial area naples yellow except a narrow dull white space before the spots; three small black marginal spots edged with iridescent scaling except distally, surmounted by black and suffusing with a terminal black line; cilia beyond spots wood brown tipped with white. Hind wing below with the spots reduced, the scaling silvery instead of iridescent, the terminal line silver.

Expanse, 11 mm.

*Habitat*.—Guapiles, Costa Rica.

*Type*.—Cat. No. 26919 U. S. N. M.

Nearest *A. maronialis* Schaus.

*Argyractis maguilalis*, new species.

*Female*.—Palpi white on inner side, outwardly drab; head, thorax and abdomen white, the latter with dorsal transverse yellow buff lines. Fore wing white; an elongated fuscous triangular streak on costa beyond base; a broad transverse snuff brown fascia, slightly inbent, partly suffused with ochraceous buff, becoming antimony yellow on inner margin; an antimony yellow streak on discocellular, its brown lines on either side suffusing with a broad snuff brown patch on costa; a medial brown spot at cell with a light buff streak from it touching the end of subterminal at vein 3 and the marginal band at submedian fold; subterminal band snuff brown narrowing to vein 3, its end suffused with antimony yellow, followed by a broad silvery white line to fold; marginal band warm buff with a black line on proximal edge; a light buff spot on inner margin postmedially surmounted by a silver streak to tornus; cilia silvery gray suffused with black at base. Hind wing silvery white on basal half; an antimony yellow fascia across cell to inner margin, followed by a silver streak; postmedial space from costa to below vein 2 light cadmium, slightly white adjoining spots; three small marginal black spots with iridescent scaling between them, suffusing with an interrupted terminal black line and surmounted by some black lines.

Expanse, 13 mm.

*Habitat*.—St. Jean, French Guiana.

*Type*.—Cat. No. 26920 U. S. N. M.

***Argyractis bedeaalis*, new species.**

*Female*.—Palpi, head and body white, the second segment of abdomen above with subdorsal cinnamon brown spots; legs white. Fore wing white; basal half of costa narrowly bister; a medial inbent sayal brown fascia suffused with yellow on inner margin; a fine parallel interrupted line beyond it, mostly obsolescent, edging the postmedial on costa, as a fine line below cell from which a yellow fascia is outbent suffusing with discocellular, is down bent on upper edge, touches the terminal point of subterminal and the marginal band just above tornus, it then continues as a fine yellow line to inner margin; a postmedial yellow streak along inner margin to a small silver oblique streak near tornus; a postmedial sayal brown spot on costa suffusing with discocellular yellow oblique line which is edged by sayal brown lines; subterminal fascia sayal brown on costa, below it yellow distally edged by a fuscous line; marginal band yellow proximally edged by a fuscous line and with a dark point at apex; cilia silvery gray. Hind wing white; a fine erect brown line above anal angle; a yellow fascia across middle of cell followed by a silver bar before discocellular; outer space yellow downbent to termen below spots, before spots narrowly dull white; three irregular spots, suffusing with short terminal black streaks and surmounted by detached and irregular black markings; iridescent and silvery clusters of scales between the spots and those surmounting them; cilia with a dark line at base below the spots; underside with the spots reduced and very irregular.

Expanse, 12 mm.

*Habitat*.—Pernambuco, Brazil.

*Type*.—Cat. No. 26921 U. S. N. M.

***Argyractis aroalis*, new species.**

*Female*.—Body and wings white; fore tibiae and tarsi streaked with hair brown, abdomen above with faint brownish segmental lines and subdorsal black points on second segment. Fore wing: costa suffused with wood brown to post medial line which is also wood brown, outbent from costa to vein 4 tapering to a point; an inbent antemedial thick wood brown line interrupted below cell; two fine oblique lines at discocellular; a subterminal line similar to postmedial but straighter, broad on costa tapering to a point at vein 2; a cream color line from middle of inner margin to cell, then along vein 2 to the yellow terminal line, the inner edge of which is finely fuscous from above tornus to vein 7; a silver terminal streak along submedian fold; cilia white. Hind wing white; a cream buff patch at end of cell followed by some silvery white scaling and a vertical cream buff line from vein 7 to vein 2; three black terminal spots and a fourth smaller spot separated by metallic amaranth pink scaling and surmounted by small black lunules, also a cream buff line above them from vein 7 to vein 2. Fore wing below with the markings of costal half fainter. Hind wing below entirely white with the terminal spots reduced.

Expanse, 17 mm.

*Habitat*.—Aroa, Venezuela.

*Type*.—Cat. No. 26922 U. S. N. M.

Comes nearest *A. aclistalis* Dyar which has the apical area of hind wing suffused with naples yellow.

***Argyrectis aztecalis*, new species.**

*Male*.—Palpi brown in front, white behind. Head white, collar, thorax and abdomen above light ochraceous buff with fine brownish lines on dorsum and patagia; abdomen below cream color; fore tarsi fuscous with white rings. Fore wing: basal half wood brown, towards inner margin whitish irrorated with brown, followed by a white line which is silvery from subcostal to inner margin, continuing in cell to the discocellular oblique naples yellow bar which is edged on either side with some brown scaling; area beyond below cell and vein 4 naples yellow with a postmedial silvery spot above inner margin and a similar streak from vein 4 near cell to near termen and tornus; costa above discocellular cream color; a wood brown postmedial line, proximally broadly shaded opposite cell somewhat sinuous and retracted at vein 4 to discocellular patch, enclosing some silvery white scaling, also outwardly edged with silvery white from costa to vein 4; a subterminal wood brown line inwardly edged with naples yellow and outwardly by a silvery white line, expanding inwardly at vein 2 and fold; a terminal naples yellow line inwardly edged by a fine fuscous line; cilia silvery. Hind wing costa to beyond middle narrowly, inner margin broadly and cell basally white, otherwise chiefly naples yellow; antemedial brown irrorations below cell and a streak near inner margin; an iridescent bar beyond cell; a terminal white space from vein 7 to below vein 5 with three small black spots, surmounted by a wavy black line; termen with iridescent scaling from vein 7 to below vein 2; cilia white. Hind wing below silvery cream color, the terminal spots reduced to paired streaks.

Expanse, 19 mm.

*Habitat*.—Jalapa, Mexico.

*Type*.—Cat. No. 26923 U. S. N. M.

Allied to *A. mignonalis* Dyar.

***Argyrectis esperanzalis*, new species.**

*Female*.—Palpi wood brown. Head, collar and thorax white, the latter with a few minute dark scales. Abdomen above thickly irrorated with brownish buff scales, partly metallic leaving white segmental lines. Body below silvery white; fore tibiae and tarsi buff in front. Fore wing: base whitish broadly shaded on costa with wood brown, limited by a silvery white line; a medial brown spot on costa; a white streak in cell; the white discocellular line with some brown on either side; postmedial and subterminal lines broad on costa tapering and converging to vein 3, the space between silvery white and a similar white line before the terminal naples yellow line, the latter inwardly edged by a fine fuscous line; outer half of wing below cell and vein 3 naples yellow containing a large silver spot above inner margin and a curved silver line from near base of vein 3 to inner margin near tornus; cilia silvery. Hind wing: costa for two-thirds, base and inner margin broadly shining white; a few dark scales near inner margin, also in end and below end of cell; an iridescent discal bar followed

by naples yellow from vein 8 to vein 2, and again by an iridescent line; terminal area dull white crossed by a naples yellow finely dentate line, with four black spots surrounded by iridescent scales and surmounted by a lunular black line; the second spot from apex really a continuation of the black lines inbent and expanding on termen; cilia white with a brown line near apex.

Expanse, 16 mm.

*Habitat*.—Esperanza, Costa Rica.

*Type*.—Cat. No. 26924 U. S. N. M.

Closely allied to *A. triumphalis* Schaus which differs in the terminal spots of hind wing and has the preceding yellow space opaque and closely approaching the spots.

***Argyractis valstanalis*, new species.**

*Female*.—Palpi avellaneous; head and body white, the abdomen above partly suffused with buff brown bands; body below and legs white, the fore tibiae and tarsi avellaneous, the tarsi with black spots. Fore wing: the costa wood brown; basal half with some buffy brown irrorations to a similar medial line outangled at vein 2; an oblique white discocellular line with brown lines on either side; the medial line followed below vein 2 by a silvery white line and then by a yellowish line forming a semicircle to inner margin near tornus containing silvery scales within and above it; postmedial line remote, snuff brown, outcurved below costa to vein 5, sinuous and faintly retracted near vein 2 towards cell above a yellowish line from discocellular along vein 2, followed by a thick white line from costa to vein 2; subterminal snuff brown on costa and rather broad, below vein 6 yellow proximally followed by a thick silvery white line; marginal band primuline yellow with a fuscous line distally; cilia smoky white with some dark shading. Hind wing silvery white; some light buff shading along inner margin and a small brown subterminal spot before inner margin; a pale yellow spot beyond lower angle of cell to vein 2 followed by a double silver line filled in with pale yellow, the outer line reaching termen; a fine subterminal ochraceous line above the spots; three heart shaped marginal spots followed by silvery golden terminal spots, each spot surmounted by a detached black line, doubly dentate over each spot.

Expanse, 35 mm.

*Habitat*.—Merida, Venezuela.

*Type*.—Cat. No. 26925 U. S. N. M.

Near *A. auspicatalis* Schaus.

***Argyractis schwarzalis*, new species.**

*Female*.—Body above wood brown; back of head, collar medially except in front, and patagia except shoulders white. Body below and legs cream color, the fore tarsi with brown rings. Fore wing: costa broadly suffused with avellaneous; cell and space below chiefly white irrorated with wood brown; a medial wood brown line outcurved on costa and slightly inbent to inner margin; postmedial line narrow but suffusing proximally with costal shade, slightly oblique to vein 2, angled and retracted to discocellular, down and outbent to inner margin postmedially; subterminal cinnamon, very broad on costa, narrowing to

submedian fold, suffused from below vein 4 with Naples yellow, inwardly edged by a white line, outwardly by a fine fuscous line and then by silvery white; terminal line Naples yellow edged on both sides by a fine fuscous line; a yellow streak below postmedial where retracted to discocellular; a dark silver spot on inner margin at tornus; cilia silvery with a black spot at tornus. Hind wing white at base and on inner margin; some silver scales and a small yellow spot at tornus; a yellow patch beyond cell between veins 6 and 2 followed by an iridescent line which continues below vein 2, is followed by yellow and a second iridescent line; postmedial area above vein 3 Naples yellow expanding to apex and containing two white spots, one below vein 5, the other between veins 6 and 7; subterminal space dull white followed by five black spots separated by a fine lunular black line.

Expanse, 22 mm.

*Habitat.*—Trece Aguas, Alta Vera Paz, Guatemala.

*Type.*—Cat. No. 26926 U. S. N. M.

Collected by Dr. E. A. Schwarz and Mr. Barber.

#### *Argyrectis chejelalis*, new species.

*Female.*—Body above cream color; collar and patagia shaded with cinnamon buff; abdomen with dorsal and subdorsal dark brown irrorations on basal half, the terminal segments cinnamon with white bands posteriorly, body below and legs white, the fore tarsi with pinkish buff and brown spots. Fore wing: base to a medial white vertical line suffused with clay color on costa and in cell, below cell whitish with buff suffusions and some dark irrorations forming an out-curved antemedial shade; medial line followed by a clay color spot on costa, then antimony yellow to the postmedial line; outer half of cell clay color, the discocellular with a white line edged on either side with antimony yellow; postmedial broad on costa terminating in a point at vein 3, its proximal side toothed towards discocellular with white lines on either side; a thick subterminal cinnamon line to near tornus, its outer edge fuscous followed by a white line; terminal line antimony yellow edged on inner side with fuscous; space beyond medial line below cell and vein 3 antimony yellow with a silvery white postmedial spot on inner margin and an oblique silvery white streak from vein 2 to inner margin before tornus; cilia silvery white. Hind wing: base and inner margin from below cell white with some cream color and brown irrorations before the margin; space beyond cell antimony yellow crossed by two iridescent bars between veins 6 and 2, its outer edge finely dentate with a small white spot below vein 6, then followed by white to the spots; three terminal black spots with iridescent scaling chiefly on termen surmounted by a black lunular line expanding to termen between the first and second spots from apex; cilia white with a fuscous line near base from apex to vein 2. Hind wing below with the spots fainter and cut by veins.

Expanse 21 mm.

*Habitat.*—Chejel, Guatemala.

*Type.*—Cat. No. 26927 U. S. N. M.

**Argyrectis tamanalis**, new species.

*Female*.—Palpi white with some fuscous hairs at base; frons white with a medial brown line; collar and thorax olive brown, the patagia edged with white; abdomen above buffy brown, darker shaded dorsally. Body below and legs ochraceous buff. Fore wing: base white limited by a subbasal snuff brown line oblique from costa, then whitish thickly irrorated with snuff brown especially at medial line; medial line white broadly expanding outwardly just below cell; postmedial space snuff brown; discocellular line white, oblique; postmedial line white, outbent from costa to vein 3, curved and retracted to discocellular line, then down and outbent to inner margin, where retracted to cell and downbent the space is filled with antimony yellow and with a similar subterminal spot on inner margin; subterminal line bister, very broad on costa, narrow below vein 5 with some yellowish scaling, followed from below apex to below vein 2 by a white line, then inbent and dark silvery to postmedial; termen antimony yellow proximally edged with fuscous and with terminal black spots; cilia silvery with a basal fuscous line. Hind wing white: some fuscous scaling in and below end of cell, also above anal angle; a postmedial yellowish bar edged with fuscous from vein 6 to below vein 2; apex with a yellow line edged with black; four small black spots on margin broadly edged with iridescent scales, then above and between them with black and a proximal lunular yellow line inwardly edged with fuscous. Wings below with the markings partly visible in transparency, the terminal black spots on hind wing much reduced.

Expanse, 24 mm.

*Habitat*.—Juntas del Rio Tamana and Rio San Juan, W. Colombia.

*Type*.—Cat. No. 26928 U. S. N. M.

**Argyrectis ulfridalis**, new species.

*Male*.—Head and thorax buffy brown; lateral white lines on frons. Fore wing buffy brown with traces of a darker antemedial line; a fine medial white line inbent from costa to inner margin; a yellow bar on discocellular with fuscous lines on either side, suffusing with a yellow streak from below cell to subterminal; postmedial line defined by white on outer side from costa to vein 3; subterminal broad on costa, suffused with yellowish, terminating at vein 3 on the longitudinal streak, outwardly edged by a white line; terminal band yellow suffusing at tornus with a similar streak on inner margin and above this latter an interrupted fine silvery streak; cilia silvery. Hind wing white, the inner margin broadly silky gray with some darker scaling above anal angle; a golden brownish spot at middle and below middle of cell; a brownish spot in end of cell followed by a short white bar; a broad and irregular postmedial fascia reaching the lowest marginal spot; three large black terminal spots, the lowest spot completely surrounded with iridescent scaling, the other two only laterally and terminally; the middle spot surmounted by two coalescing smaller black spots, the first and third by a curved black line; cilia grayish white with some fuscous mottling at apex. Underneath the spots are black on a white ground.

Expanse, 11 mm.

*Habitat*.—Dominica, West Indies.

*Type*.—Cat. No. 26929 U. S. N. M.

***Argyraetis rinconadalis*, new species.**

*Female*.—Palpi ochraceous laterally streaked with wood brown; frons wood brown, some white on vertex; collar and thorax white, the former in front and shoulders bone brown; abdomen dorsally clay color, the base white and some bone brown scaling on second segment. Body below white; fore and mid legs buff, the fore tarsi with fuscous spot, the hind legs white. Fore wing white; basal half of costa bister followed by a yellow ocher streak to postmedial line which is outbent, narrow, suffusing at vein 3 with the subterminal which is broader, inbent along vein 2 and 3 to a transverse medial band which is inbent below cell, all these markings bister; a faint whitish line between the postmedial and subterminal above vein 3 becoming yellow ocher on costa; a silvery white band from costa near apex following the subterminal; apex bister, below it a yellow ocher band, finely edged on either side with fuscous, shortly inbent at tornus on inner margin, where it is preceded by a short vertical bister line; cilia silvery white. Hind wing white; a broad antemedial bister fascia; a fine brown line across cell to below origin of vein 2; termen dark silvery gray to a yellow patch at anal angle, surmounted by a metallic bronze shade, three small black spots between veins 5 and just above vein 6; apex yellow ocher preceded by two short and fine brown lines. Hind wing below white with the spots replaced by three small clusters of black scales.

Expanse, 23 mm.

*Habitat*.—Rinconada, Mexico.

*Type*.—Cat. No. 26930 U. S. N. M.

Somewhat like *A. catenalis* Gueneé.

***Argyraetis lucianalis*, new species.**

*Female*.—Palpi wood brown; frons white suffused with yellow, two brown points in front; collar white with some yellow lateral scaling; thorax wood brown, the patagia with large white spots; abdomen above clay color mottled with bister at base. Body below white; legs white, the fore legs and mid tibiae streaked with cinnamon buff. Fore wing white; basal half of costa bister connected with inner margin by a subbasal bister fascia; a medial outcurved fascia proximally bister, distally snuff brown expanding to end of cell and between veins 2 and 3 to postmedial line; postmedial line bister from costa to vein 3 preceded on costa by a yellow ocher streak and followed by a similar spot and below this latter by a short white line, at discal fold it suffuses with the subterminal line; subterminal broad on costa and rapidly narrowing, bister, near vein 3 suffusing with a yellow ocher streak from cell between veins 3 and 2, followed from costa to vein 3 by a silvery white band; terminal band yellow ocher inwardly edged by a fine black line; a silver streak terminally on fold above a small yellow ocher spot; cilia silvery, the base fuscous. Hind wing white; an antemedial sayal brown fascia from within cell to inner margin; a similar line across cell, downbent and expanding near inner margin above a small yellow spot; a fine bister lunular dentate line from costa near apex to vein 3 near cell; four marginal black spots broadly edged with iridescent scales on termen, and surmounted by a lunular black line; apex yellow ocher. Hind wing: below with black marginal points on veins 3, 5, 6 and one between 5 and 6.

Expanse, 23 mm.



*Habitat*.—Juan Vinas, Costa Rica.

*Type*.—Cat. No. 26931 U. S. N. M.

Nearest *A. rinconadalis* Schaus.

***Argyractis gontranalis*, new species.**

*Female*.—Head, thorax and abdomen pinkish buff, underneath cream color, the legs pinkish buff. Fore wing white; costa from base to medial line snuff brown followed by a darker brown spot and a warm buff streak to postmedial; base below costa ochraceous buff with subbasal clusters of bister scales below cell and vein 1; medial line fine, snuff brown slightly outcurved, bister irrorations from it to end of cell, below cell to postmedial, and a few below vein I forming a short vertical line; discocellular white bar defined by a pale yellowish line on its outer edge; postmedial line snuff brown outbent to vein 3, almost touching the slightly broader subterminal line which is connected with a yellowish streak from cell between veins 2 and 3; subterminal followed by a silvery band inbent below fold and vein 1; a terminal antimony yellow band inwardly edged from below vein 7 by a fine black line and with a black point at apex; cilia silvery with fuscous spots at base. Hind wing white; an antemedial brownish spot in and below cell; a brownish lunule across cell with a few black scales on it, continuing as a medial snuff brown line downbent and thickly angled postmedially, then upcurved to inner margin near angle; a lunule of fine black scales on discocellular and another above it; an irregular postmedial line of black and bister scales from vein 7 to vein 3 and a few scattered black scales beyond it; four black spots on margin surmounted by a lunular black line and a very faint yellowish tinge; termen iridescent gold expanding slightly between the spots; apex narrowly antimony yellow; cilia white.

Expanse, 24 mm.

*Habitat*.—Orizaba, Mexico.

*Type*.—Cat. No. 26932 U. S. N. M.

Allied to *A. nitens* Schaus.

***Argyractis aengusalis*, new species.**

*Male*.—Palpi brown with a white line above; head and thorax sepia, the frons white; abdomen above avellaneous, the basal segment white, underneath white. Fore wing white; costal margin sepia suffusing with the postmedial line; base of cell sepia; a short subbasal brownish line not reaching inner margin; an antemedial yellowish fascia expanding at subcostal; an outangled white medial line on costa, outwardly edged by a fuscous line and incurved to inner margin emitting line below cell and a straight line on vein 1 forming an oval postmedial spot with white center; discocellular oblique, white, edged on either side with sepia and followed by a small white spot; postmedial slightly outbent from costa to vein 4; subterminal band yellow buff, almost vertical retracted at vein 2 to discocellular; marginal band yellow buff, separated from postmedial by a white line and suffusing with it at vein 2, both lines partly edged with black along white interspace; an outbent yellow buff line from vein 2 to tornus; cilia white with fuscous shade at base. Hind wing white; an antemedial brownish fascia across cell; a medial yellow buff line, outangled below vein 2, then incurved end-

ing in a brownish spot at anal angle; a semiovate postmedial line from below costa to vein 2, crossed by a short line dividing the white center into two spots; four marginal black spots completely surrounded by iridescent scaling and surmounted by a thick black lunular line. Fore wing below almost entirely fuscous except terminally. Hind wing below white; costa fuscous; subterminal semi-ovate line present; terminal spots reduced, the scaling around spots silvery.

Expanse, 12 mm.

*Habitat.*—Rio de Janeiro, Brazil.

*Type.*—Cat. No. 26933 U. S. N. M.

***Argyractis alemundalis*, new species.**

*Female.*—Palpi whitish laterally streaked with brown. Abdomen above avellaneous with dark segmental lines, underneath white. Fore wing white suffused with light buff and irrorated with black; a fine subbasal black line; a fine outcurved antemedial yellowish line with clusters of black scales; a medial black line slightly outcurved on costa then vertical to inner margin; postmedial line fine, black, outbent to vein 3, then retracted and upcurved to cell and outbent as a curved line to inner margin near tornus; subterminal buffy brown, broad on costa, its outer edge straight, terminating in a point at vein 3, preceded and followed by clear white, the white inbent below vein 3 to within retracted portion of postmedial; terminal band yellow edged proximally by a fine black line preceded on inner margin by a small dull silver spot and yellowish line; discocellular line white, dark edged, rather indistinct; cilia silvery with black spots at base. Hind wing silky white at base with subbasal fuscous shading and an antemedial blackish shade from within cell to close to inner margin; a quadrate yellow ocher spot medially followed by a fine double black line filled in with silver, the space beyond opaque, cream color irrorated with black; four marginal round black spots followed on termen by smaller spots and lines with iridescent scales between them; a lunular yellow line edges the spots proximally and is then finely edged with black. Wings below largely suffused with fuscous, the spots on hind wing reduced and surmounted only by a fine lunular black line.

Expanse, 13 mm.

*Habitat.*—Peralta, Costa Rica.

*Type.*—Cat. No. 26934 U. S. N. M.

Nearest *A. serapionalis* Schaus.

***Argyractis serapionalis*, new species.**

*Female.*—Head and thorax snuff brown; abdomen buffy brown above with darker segmental lines; abdomen below and legs avellaneous, the fore legs streaked with snuff brown. Fore wing suffused with buffy and cinnamon brown; a fuscous dentate antemedial line; a fine black medial line outcurved below costa and again below submedian fold; postmedial line fine, black out-angled beyond cell, then incurved and minutely dentate on costal half crossing a whitish shade thickly irrorated with cinnamon brown; subterminal broad on costa, bister, below vein 6 sayal brown, at vein 3 retracted to postmedial; terminal band sayal brown edged with black on either side, preceded by a dull silvery line, intersected at fold; cilia dull silvery alternating with black. Hind

wing: base brownish, a large subbasal fuscous patch below cell to near inner margin followed by a white antemedial fascia; a large sayal brown patch in and below end of cell, outwardly edged by a black line, with another sayal brown and black spot below it reaching anal angle; a medial white line beyond discal patch followed by a fuscous line; outer area dull white irrorated with fuscous black; four marginal round black spots, with an interrupted terminal narrow black band and iridescent scales between them, surmounted by a lunular fuscous black line; a yellowish tinge on termen near anal angle; cilia brownish at base then silvery white.

Expanse, 15 mm.

*Habitat.*—Cayuga, Guatemala.

*Type.*—Cat. No. 26935 U. S. N. M.

Near *A. plusialis* Herrich-Schaeffer.

***Argyractis psalmoidalis*, new species.**

*Female.*—Body above benzo brown, the base of abdomen white; body below whitish, the legs light drab. Fore wing benzo brown without any distinct markings on basal two-thirds; a white bar from below costa on outer side of discocellular, outbent to vein 3 and irregularly upcurved to near apex along the terminal band, a short sinuous benzo brown line crossing it at the curve; a marginal olive ocher band proximally edged by a fine black line with some golden points on it from below vein 5, at vein 2 retracted to cell, and between veins 5 and 2 there is a benzo brown fascia preceding it; a short terminal gold streak on submedian fold; cilia white with a black line at base. Hind wing white suffused with drab; inner margin with antemedial and terminal fuscous markings; cell two-thirds the length of wing; a medial fuscous spot in cell, beyond it a dark line downbent and curved to termen near anal angle followed by a white fascia which crosses end of cell and stops near termen below vein 2; outer space between veins 2 and 5 white, thickly irrorated with drab; a fine subterminal dark line from costa to vein 4; four small black marginal spots completely edged with iridescent scales and fine dark drab lines. Fore wing below with the white markings reduced. Hind wing below suffused with drab except a triangular white space from termen with its apex in cell; marginal spots smaller, partly double.

Expanse, 16 mm.

*Habitat.*—Baracoa, Cuba.

*Type.*—Cat. No. 26936 U. S. N. M.

Quite unlike any described species.

***Argyractis malcusalis*, new species.**

*Female.*—Body white, fore wing white; costa wood brown, a darker antemedial spot distally edged with whitish; a medial whitish streak and whitish triangular spot beyond postmedial; space below cell to medial line with some avellaneous irrorations; an inbent medial fascia to inner margin; an inbent white line on discocellular and a white streak beyond it crossed by a fine dentate short black line; postmedial outbent to vein 3 followed by a narrow whitish shade; subterminal band wood brown retracted between veins 2 and 3 to cell, the space below it white with some fuscous irrorations; terminal band warm buff inwardly

edged by a fine black line and preceded by silvery white to vein 2; cilia silvery white with a fine dark line at base. Hind wing white, a few dark scales at anal angle; a silver bar across end of cell with yellow bars on either side; two fine dark brown postmedial lines from costa to vein 3, at costa wavy, with a third line above first marginal spot which becomes thick and extends to termen between the first and second spots; the three spots finely edged with iridescent scales, the second and third surmounted by thick black lunules; cilia white crossed by a dark line near base from apex to vein 2. Hind wing below white, the marginal spots reduced, the postmedial lines broken.

Expanse, 12 mm.

*Habitat*.—St. Domingo, West Indies.

*Type*.—Cat. No. 26937 U. S. N. M.

Allied to *A. schistopalis* Hampson.

***Argyractis climacusalis*, new species.**

*Female*.—Palpi and head wood brown; collar and thorax white; abdomen above drab gray with brown dorsal spots on three basal segments and transverse brown shading on following two segments. Body below and legs whitish, the fore tibiae streaked with wood brown, the fore tarsi fuscous with whitish rings. Fore wing white, the costal margin mostly sepia; an antemedial white bar on costa; a medial white line on costa defined proximally below it to inner margin by a broad sepia shade with some similar irroration on antemedial space, and on distal side by a sepia line to within cell; an oblique white bar on discocellular with sepia lines on either side; postmedial line oblique to vein 3 outwardly defined by a white line; subterminal line sepia, broad on costa narrowing to a point at vein 2, also followed by a white line; terminal line buff yellow with a black line on inner edge and terminal black points; from near middle of inner margin an upcurved yellow fascia to postmedial at vein 2, from it an oblique yellow line to tornus; cilia silvery gray. Hind wing shining white; some fuscous scaling above anal angle and in cell, the latter followed by a discocellular yellow bar, then by iridescent silver scaling and a postmedial yellow line with silver distally, this latter line vertical from vein 6 to near termen below vein 2; three marginal spots and a black point followed by golden iridescent scales on termen, edged above by a silver line surmounted by a lunular dentate black line; a triangular white patch before the spots crossed by a fine sepia line. Hind wing below with the spots reduced to paired streaks with silver scaling on termen.

Expanse, 20 mm.

*Habitat*.—Tiguri, Carabaya, Peru.

*Type*.—Cat. No. 26938 U. S. N. M.

***Argyractis zamoralis*, new species.**

*Female*.—Palpi avellaneous; head buff white, cilia and thorax bister with some white mottling, the tips of patagia white; abdomen above buff white with segmental bister lines becoming broader towards base, obsolescent terminally. Body below white, the fore tarsi white with brown bands. Fore wing; costa and markings mostly snuff brown; a white spot below costa followed by a subbasal snuff brown line, the antemedial space below cell whitish with some brown

irrorations; medial space snuff brown to inner margin followed by a fine white line on costa and cell, below cell broader; an oblique white line on discocellular, and a white line from it to postmedial at vein 3; postmedial defined by a broad silver white line distally, preceding the subterminal which is partly suffused with tawny olive, outwardly edged by a black line, and at vein 2 is retracted to cell as a cinnamon buff line; marginal band yellowish inwardly edged with black preceded by a silvery white line, outwardly with small golden spots; on postmedial space a semicircular cinnamon buff line edged above with silvery white and containing a similar spot; a cinnamon buff line at tornus with a silver streak above it. Hind wing white; snuff brown scales in cell and on inner margin from base to anal angle; a cinnamon buff line across middle and one across discocellular with iridescent scaling between and beyond; costa apically buffish between veins 7 and 6 with snuff brown mottling and a wavy dark subterminal line across a white patch; three marginal black spots and a black point terminally edged with iridescent scales, proximally with silver, the latter surmounted by a dentate black line. Underneath the spots at veins 3 and 5 are paired with a little silver scaling on termen.

Expanse, 25 mm.

*Habitat.*—Zamora, Ecuador.

*Type.*—Cat. No. 26939 U. S. N. M.

Received from Mr. Dognin who has a co-type. Closely allied to *A. climacusalis* Schaus.

***Argyractis lulesalis*, new species.**

*Male.*—Head and body white, the abdomen above with cinnamon buff bands; body below and legs white, the first joint of fore tarsi with a black spot. Fore wing pinkish buff, the costa suffused with drab becoming fuscous at base; postmedial space in and below cell to inner margin with dark irrorations; a few antemedial irrorations almost forming a line; a fuscous medial vertical line; a faint yellowish oblique bar on discocellular; an outbent fuscous postmedial line distally finely edged with white; subterminal triangular space warm buff below vein 7, followed by a white line; terminal band warm buff inwardly edged by a black line, retracted above submedian fold to near cell; a white spot and oblique buff line above inner margin at tornus; cilia white with black shade at base. Hind wings white; a cluster of fuscous scales near inner margin above anal angle; a warm buff bar with a few dark scales across middle of cell, a second bar clear warm buff before end of cell, and a third after discocellular, this last bar downbent to termen and reaching veins 7-8; four terminal iridescent annuli with black centers and laterally edged with black almost meeting on proximal side; subterminal space from vein 2 to costa cream color irrorated with black.

Expanse, 15 mm.

*Habitat.*—Lules, Tucuman, Argentine Republic.

*Type.*—Cat. No. 26940 U. S. N. M.

***Argyractis laurentialis*, new species.**

*Female.*—Palpi white, head, collar and patagia light ochraceous buff, the thorax bister; abdomen above drab; the second and part of third segment sepia,

a dorsal sepia spot on last segment. Body below and legs white, the fore legs streaked with drab. Fore wing: base sepia followed by an antemedial slightly in-bent white line from subcostal, the latter with an orange spot on its outer edge from below cell to inner margin; some sepia above the spot to subcostal; costa medially light buff; a white medial line blurred towards inner margin; post-medial area sepia limited by a blackish oblique line to vein 5 and a thick white line following it to vein 4, below them an oblique orange band suffusing with the subterminal at vein 4 and with the terminal band on discal fold; sub-terminal broad on costa, proximally orange, distally raw sienna to vein 5, then edged with black to below vein 2; marginal band orange inwardly edged with black preceded by a thick silvery white line; the postmedial sepia space above inner margin limited by an oblique silvery line from near base of vein 3 to a small orange spot on inner margin before tornus; a small silver spot at tornus; cilia dark silvery shaded with black. Hind wing: base and inner margin silvery white; a vertical subbasal sepia line from cell to inner margin; an orange ante-medial line, downbent below cell to termen and expanding at anal angle, preceded close to inner margin by an oval sepia spot containing iridescent scales, followed by an iridescent line which crosses cell before its end; space beyond fuscous; a large round white spot on postmedial area from vein 6 to vein 2; four marginal black spots defined by lateral iridescent scaling suffusing with a terminal black line interrupted by orange points; cilia white suffused with smoky black. Underside with the markings of outer half duller and reduced.

Expanse, 15 mm.

*Habitat*.—St. Laurent, Maroni River, French Guiana.

*Type*.—Cat. No. 26941 U. S. N. M.

Allied to *Cataclysta alvealis* Felder which is probably also an *Argyractis*.

#### ***Argyractis castusalis*, new species.**

*Female*.—Palpi, head and thorax hair brown; abdomen above ochraceous tawny with whitish transverse bands irrorated with fuscous except on two basal segments; body below and legs light drab. Fore wing whitish suffused and irrorated with buffy brown forming subbasal and a broad antemedial shade, the latter followed by a fine whitish medial line outwardly dark edged; post-medial space light buff on costa, white in and below cell, limited by a fine dark remote fuscous line outcurved from costa, curved above vein 2 and retracted to discocellular, then downbent to inner margin, outwardly edged by a faint whitish line; subterminal fuscous parallel with postmedial line to vein 3 preceded by a fine whitish line, followed by a slightly wider white line; termen fuscous; cilia grayish with a fuscous line at base. Hind wing whitish irrorated with buffy brown, forming a shade across middle of cell, expanding and downbent on inner margin followed throughout by a clear white shade and a medial brown line outangled below vein 2, and there followed by clear white space to termen; four minute black marginal spots followed by paired silver spots on a fine terminal fuscous line; cilia white crossed by a fuscous line from apex to anal angle. Hind wing below white irrorated with brown except on inner margin; the spots as above.

Expanse, 22 mm.

*Habitat*.—Jalapa, Mexico.

*Type*.—Cat. No. 26942 U. S. N. M.

Not like any described species.

***Argyractis tapajosalis*, new species.**

*Female*.—Body and wings white; collar medially snuff brown; abdomen above with sepia segmental lines only distinct on second and last segment. Fore wing; costa with patches of snuff brown irrorations separated by the ground color and forming in part the commencement of lines; an oblique streak at base of costa; a subbasal curved line to inner margin; an antemedial patch extending slightly below cell; an outcurved medial line followed by irrorations in and beyond cell to postmedial line, interrupted on discocellular by a white lunule edged with bister; postmedial line bister incurved below costa, only reaching vein 3; a subterminal snuff brown line very fine between veins 3 and 2, inangled on submedian fold; a narrow terminal antimony yellow band edged by a fuscous black line proximally; cilia white with a black spot at apex. Hind wing: a fine wavy medial line from discocellular to inner margin at angle; a large postmedial snuff brown patch from vein 7 to vein 2, continuing below vein 2 as a fine line to termen near angle; a subterminal fine line from costa suffusing with the postmedial patch; a narrow terminal yellow line preceded by some silver scaling between veins 7 and 2, with black points on it at veins 3, 5 and 6. Hind wing below white with only the three black points.

Expanse, 20 mm.

*Habitat*.—Rio Tapajos, Amazon, Brazil.

*Type*.—Cat. No. 26999 U. S. N. M.

Received from Mr. Dognin.

***Argyractis dodalis*, new species.**

*Female*.—Palpi, head and thorax white, also two basal segments of abdomen which is otherwise maize yellow with fine fuscous segmental lines; body below silvery white. Fore wing creamy white; the costa cream color; a fuscous basal point, antemedial spot on costa, and a fine fuscous medial line followed by a silver streak below costa; edged below with fuscous which is upcurved to costa; terminal space maize yellow crossed by a thick subterminal silver line partly edged with fuscous; cilia white. Hind wing white at base, then maize yellow, a wavy antemedial fuscous line and a similar irregular postmedial line; a marginal silver line cut by some minute black points; a fine dark terminal line. Wings below whitish, the outer markings visible in transparency, the hind wing with only the black marginal points on veins 2, 3, 5 and 6.

Expanse, 13 mm.

*Habitat*.—Tumatumari River, British Guiana.

*Type*.—Cat. No. 27029 U. S. N. M.

***Argyractis gordianalis*, new species.**

*Female*.—Head cartridge buff; collar and thorax white, the patagia tipped with cartridge buff; abdomen white above, a fuscous band on second segment and light buff bands on following segments; anal hairs fuscous. Fore wing:

costal margin white with tawny markings not extending below cell; inner margin to cell and vein 3 cream color with a small white spot at tornus; a broad sub-basal and antemedial spot; an elongated spot from middle to postmedial line which is oblique to vein 4 edging a white line on discocellular which is also dark edged proximally; a subterminal wedge shaped spot from costa to vein 3; a cream color terminal line partly edged inwardly by some dark scaling; cilia light buff at base with traces of a hair brown line, the tips white. Hind wing: base and inner margin white; a buff yellow antemedial spot in cell and slightly below it, with a dark point at its lower angle, and followed by a silver and golden bar; postmedial space suffused with cream color; two large terminal, irregular black spots, streaked with iridescent scales; cilia cream color, at base adjoining spots hair brown. Fore wing below with costal markings to postmedial suffusing. Hind wing below white, the terminal spots broken by irregular white lines.

Expanse, 9 mm.

*Habitat*.—Rio Puramaya, Peru; Rio Solimoes, Brazil.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27105 U. S. N. M.

Collected by the Cornell University Expedition.

#### ***Argyractis odoalis*, new species.**

*Female*.—Body and wings white; a dorsal hair brown patch at base of abdomen and faint drab gray lines on following segments, on anal segment cinnamon drab. Fore wing: base of costa benzo brown and a similar antemedial fascia, its outer edge angled on costa, narrower at vein 1, on inner margin maize yellow; medial line very fine, dark, close to antemedial on costa, outangled in cell, on inner margin maize yellow; a postmedial elongated benzo brown spot on costal margin; a warm buff oblique line on discocellular edged by two benzo brown lines; a subterminal fascia, verona brown on costa below vein 6 cinnamon, narrowing to a point at vein 2, a maize yellow band from its end to medial line; terminal band maize yellow from below costa inwardly edged by a black line to vein 2, inbent slightly below 2 and then preceded by a small grayish silver spot; a black point at apex; cilia white, at base dark silvery gray. Hind wing: a broad antemedial warm buff fascia from within cell, interrupted before inner margin where it is reduced to a narrow line, followed in and below cell by silvery scaling, and a fine vertical punctiform dark line; postmedial space mostly cream color becoming white before terminal markings; three small iridescent jasper pink spots edged with short black lines and points, surmounted by a fine broken black line and with terminal yellow points between them; cilia hair brown at base, the tips broadly white. Fore wing below with the costal markings mostly suffusing, the inner margin broadly white. Hind wing below white; the termen silver with black points.

Expanse, 10 mm.

*Habitat*.—Mouth of Rio Teffé; Rio Solimoes, Brazil.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27104 U. S. N. M.

Collected by the Cornell University Expedition.



**Argyractis benzetalis**, new species.

*Female*.—Body white, the abdomen dorsally with faint ecru transverse lines, the line on second segment mikado brown. Wings white, the markings mostly warm buff. Fore wing: a subbasal black spot on costa emitting a short line into cell; a curved antemedial line suffused with fuscous from costa to vein 1; a parallel medial line suffused with fuscous on costa, followed by a curved line below costa and connected with medial line on inner margin by a small yellow buff shade; postmedial line single on costa, double below subcostal, dark edged, outbent, retracted between veins 2 and 3 to lower angle of cell, then outbent to inner margin before tornus; a subterminal excurved narrow fascia from costa to vein 4; a terminal band inwardly edged by a black line from vein 7 and inbent on vein 2, outwardly edged by a broken black line; cilia light buff. Hind wing: a broken antemedial line; a fine medial line across cell; traces of a postmedial line, retracted at vein 3 to cell and downbent; a subterminal line, partly fuscous; a terminal band inwardly edged by a black line and crossed proximally by a thick silver line, outwardly edged by a black line; cilia whitish. The termen indented below vein 6. Fore wing below with the markings broader, mostly smoky fuscous.

Expanse, 10 mm.

*Habitat*.—Mouth of Rio Teffé, Rio Solimoes, Brazil.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27103 U. S. N. M.

Collected by the Cornell University Expedition.

**Argyractis conallalis**, new species.

*Female*.—Head and thorax army brown; a white spot laterally on collar; abdomen with first segment ochraceous, second segment army brown, third segment white, the two following segments tawny. Fore wing: base army brown; an antemedial inbent white fascia expanding on inner margin; costa medially grayish; outer half of cell tawny, the space below army brown; a black line on discocellular edged with white; a cuneiform subterminal tawny patch from costa, edged with white, an ochraceous buff line inbent from it at submedian fold; a terminal narrow tawny fascia with a black line on inner edge. Hind wing: base white; a broad medial ochraceous buff fascia crossed by a blackish and iridescent line, its outer edge above vein 5 black expanding to near apex on costa, followed by a white crescent before the spots; two large black terminal spots with iridescent scaling, a white point between them and another white point near the apex which is narrowly ochraceous buff, a light buff point on termen between the spots.

Expanse, 10 mm.

*Habitat*.—British Guiana.

*Type*.—Cat. No. 27102 U. S. N. M.

**Nymphula avertinalis**, new species.

*Male*.—Palpi, head and body avellaneous, the terminal half of abdomen above slightly darker shaded, the anal tuft partly white. Fore wing avellaneous; a medial white line from subcostal to below vein 1 edged on either

side with cinnamon brown; a fine postmedial fuscous line, slightly outbent from costa, sharply inbent below vein 4; small faint smoky marginal spots on interspaces. Hind wing white on basal half, crossed by an antemedial and a medial avellaneous line; beyond medial line and below vein 5 the postmedial space white above vein 5 and on termen suffused with avellaneous. Hind wing below white irrorated with avellaneous on costa and termen, the lines as above; fuscous marginal points on interspaces.

Expanse, 13 mm.

*Habitat.*—Baracoa, Cuba.

*Type.*—Cat. No. 27000 U. S. N. M.

***Cataclysta azadasalis*, new species.**

*Male.*—Palpi wood brown; body white, the abdomen with fuscous segmental lines; hind tibiae and base of tarsi with long hair brown tufts. Fore wing white; a broad subbasal mikado brown fascia edged with black followed by a faint fuscous line from within cell, and an antemedial fine black line, slightly inbent; medial space with a fine black streak above subcostal, a long ovate line in cell followed by black points, and clusters of black scales above submedian fold and on inner margin; the discocellular defined by a fine dentate black line on its outer edge, inangled at vein 2, outbent and twice lunular inbent along vein 1, ending in isolated black scales at middle of inner margin; a bister postmedial fascia from costa, partly suffused with cinnamon, outbent to inner margin before tornus, followed from below vein 2 by a dark silver spot; subterminal fascia orange buff, wide on costa, narrowing to vein 2, a black line on its outer edge; marginal band orange buff, finely edged with black and with a black spot at apex; the space on either side of subterminal silvery white; cilia black. Hind wing white crossed by irregular black lines; a fuscous patch at base; antemedial line to inner margin; medial line double, below costa united by a black line on median, then obsolescent; two postmedial lines; termen black, its proximal edge irregular, broken partly into spots by iridescent scaling and four small terminal orange buff spots; cilia drab tipped with silvery white. Hind wing below as above, the termen with four small black spots defined by silver.

Expanse, 12 mm.

*Habitat.*—Rockstone, Essequibo River, British Guiana.

*Type.*—Cat. No. 27001 U. S. N. M.

Near *C. sumptuosalis* Möschler.

***Cataclysta mangholdalis*, new species.**

*Male.*—Head buffy brown; collar and thorax silvery gray; abdomen above whitish buff on three basal segments, the following segments light drab with lateral silvery white tufts, the anal segments hair brown with white tufts. Fore wing white with basal and subbasal hair brown suffusions; a fuscous antemedial line, somewhat macular, followed by a fine streak and small fuscous spot in cell and three longitudinal lines between cell and inner margin; discocellular defined by two fuscous lines, the inner line almost vertical to inner margin and out-angled on vein 1; a postmedial ochraceous orange and tawny fascia outbent from costa and joined by a bar with a browner subterminal cuneiform fascia between

veins 3 and 4 slightly retracted, angled and oblique to tornus; a terminal ochraceous fascia with a fine black line on inner edge; a silver gray spot above tornus; cilia silvery gray shaded with black at base. Hind wing white; an antemedial black fascia, followed by an outcurved black line on costa and some streaks medially; two postmedial dentate black lines; four terminal black spots with golden points between and partially on them; terminal orange points between them; cilia white mottled with black.

Expanse, 10 mm.

*Habitat.*—Zaruma, Ecuador.

*Type.*—Cat. No. 27106 U. S. N. M.

Collected by F. W. Rohwer. Allied to *C. azadasalis* Schaus, which has the line from discocellular outbent and lunular dentate.

***Cataclysta phocosalis*, new species.**

*Female.*—Head, body and wings white; some yellow scaling on basal segment of abdomen. Fore wing: a buff yellow spot at base; a subbasal buff yellow line inbent from costa where it is conjoined with the similar broader and outcurved antemedial line, the latter having some fuscous scales on its outer edge in cell and above fold; a double buff yellow medial line diverging above cell, and still more so below cell marked with fuscous scaling except on costa and inner margin where the lines are connected by a yellow streak; discocellular buff yellow edged on either side with fuscous followed by a fuscous V shaped mark from subcostal and vein 8 to vein 3; a buff yellow subterminal band edged by fuscous lines from vein 8 to vein 2 there diverging, one branch retracted to discocellular, the other incurved to tornus; a marginal fuscous line; termen narrowly cream white; cilia white. Hind wing: an antemedial, broad medial and narrower subterminal fascia edged with fuscous, the antemedial only outwardly so edged, the postmedial expanding towards inner margin and there largely filled in with white, the postmedial outbent on costa to the terminal buff yellow band; a few terminal black points below apex.

Expanse, 27 mm.

*Habitat.*—Peru.

*Type.*—Cat. No. 27030 U. S. N. M.

***Cataclysta anicitalis*, new species.**

*Male.*—Head and body above dresden brown, the patagia silvery white; some white shading on abdomen beyond middle; body below white; legs whitish, the femora light buff. Fore wing: the costal margin, a subbasal broad line; a medial fascia, an outcurved postmedial fascia, a subterminal fascia incurved from apex to near discocellular dresden brown; some ochraceous tawny suffusion on costa above discocellular and on medial and postmedial within cell; base narrowly white; a large antemedial white spot from cell to inner margin; a similar spot, somewhat oblique between medial and postmedial line, these lines suffusing from costa to vein 2; a faint yellowish line on discocellular distally edged with fuscous followed by white points at veins 7 and 5; postmedial followed by white points at fold and on inner margin, and a small triangular

yellow ocher spot beyond them to tornus with a silver line above it at tornus; marginal band yellow ocher proximally edged by a black line from vein 8 to vein 2, preceded by a large triangular white spot; cilia silvery white. Hind wing white; a dresden brown medial fascia from subcostal to inner margin with a yellow ocher round spot on it at subcostal, followed by a broad silver space crossed by an incurved yellow line, upbent at vein 1 to medial fascia; outer area irrorated with coarse black scales; termen yellow ocher with 5 black spots, each containing a few iridescent scales; cilia white. Hind wing below with the spots cut obliquely by iridescent scaling.

Expanse, 11 mm.

*Habitat.*—Santiago, Cuba.

*Type.*—Cat. No. 27002 U. S. N. M.

Allied to *C. miralis* Möschler which is much whiter.

***Cataclysta bronachalis*, new species.**

*Male.*—Palpi and head yellow ocher; thorax bister, patagia white; abdomen above dresden brown, the basal segment yellow ocher. Body below white, the legs mostly white, the fore tarsi buffish with black rings. Fore wing: a black spot on base of costa, the costal margin otherwise mostly suffused with yellow ocher; base below costa ochraceous buff limited by an inbent antemedial line from subcostal where it is also outbent to median fascia close below cell, enclosing an ochraceous buff spot in cell; medial fascia sepia, slightly inbent proximally, curved below subcostal and postmedially to inner margin enclosing a large white almost perfectly round spot; antemedial space also white; a small ochraceous buff spot above discocellular, continuing as a fine line on outer edge of it, then widening and outbent above vein 2 to the similar marginal band finely edged with black; a triangular black spot from below costa with linear apex at vein 2 and marginal band divides the white outer space into two spots, one oval, oblique from beyond cell, the other long and narrow before marginal band; an ochraceous buff spot at tornus with an oblique silver line above it and a small white spot on inner margin before it. Hind wing silky white; a medial brown fascia inwardly edged with sepia, and with an outangled ochraceous buff spot on it at end of cell, followed by silver scaling and a postmedial ochraceous buff broad line connected by a fine line with the spot on medial fascia, and by a broader line with the fascia well below vein 2; the postmedial outwardly edged with silver; subterminal space dull white irrorated with black; four small marginal spots with a few iridescent scales on and between them; a terminal ochraceous buff line, slightly expanding between the spots; cilia white. Markings below much reduced.

Expanse, 13 mm.

*Habitat.*—Cuba or Porto Rico.

*Type.*—Cat. No. 27004 U. S. N. M.

Belongs to the same group as *C. anicitalis* Schaus.

***Ambia elphegalis*, new species.**

*Male.*—Palpi white; head white with a medial pale pinkish buff line; neck and front of thorax orange buff, thorax otherwise and collar white; abdomen cream

color with orange buff segmental bands, the basal segment white; traces of black scaling on terminal half. Fore wing: base narrowly ochraceous buff; a sub-basal black line distally white edged followed by a black fascia, distally edged with white from below cell and a fine black line; medial space olive lake with some black scaling on inner margin; a whitish dark edged discocellular line; postmedial line whitish edged with fuscous distally beyond cell, almost vertical from costa inbent below discocellular to vein 2 and faintly outbent to inner margin; terminal space mummy brown crossed by a faintly lunular subterminal white line distally edged with black; cilia whitish gray with a fine light buff line at base followed by a thicker black line. Hind wing cream color, the costa, the postmedial space to vein 4, and termen to below vein 2 mummy brown; a sub-basal ochraceous orange line; a similar antemedial fascia shaded with fuscous in cell and on inner margin; a lunular dark line on discocellular, followed by a whitish spot; postmedial line fuscous to vein 4 then ochraceous orange to inner margin followed by a similar shade from vein 4 to inner margin; a subterminal whitish line from below costa to vein 5, interrupted and continued towards anal angle.

Expanse, 12 mm.

*Habitat*.—Essequebo River, British Guiana.

*Type*.—Cat. No. 27006 U. S. N. M.

Near *Ambia flavalis* Warren.

***Ambia marconalis*, new species.**

*Male*.—Palpi avellaneous; head white; collar and thorax white crossed in front by narrow ochraceous orange bands; abdomen above buckthorn brown with white segmental lines, underneath the white lines broader. Fore wing ochraceous orange separated into fasciae by the white markings, costal edge blackish to medial line, then whitish mostly; base chiefly ochraceous orange with a white point at base, and an antemedial narrow white line joined by a white streak in cell; medial line fine, expanding and inbent below cell, edged with black, followed on costa by a white fovea; a white lunule distally black on discocellular followed by white streaks beyond cell, above vein 6 and above vein 7, latter longer than the streak above vein 6; a postmedial white line curved and slightly inbent between veins 2 and 3, edged with black; a subterminal line expanding somewhat above tornus retracted below vein 2, then broader and downbent to inner margin postmedially; at submedian fold the black edging of lines is connected by a small black bar; the medial ochraceous orange space on inner margin is partly suffused with fuscous; cilia silver shading to black. Hind wing: a narrow subbasal and a broad antemedial white fascia; the medial ochraceous orange fascia partly suffused with black, its outer edge outcurved from costa to below vein 3, again outcurved near inner margin with a white spot on it at discocellular; the subterminal ochraceous orange band retracted on vein 2 to medial fascia; the white line preceding the terminal band constricted at discal fold and vein 2 where it is crossed by a blackish shade.

Expanse, 20 mm.

*Habitat*.—Yahuar Mayo, Peru.

*Type*.—Cat. No. 27007 U. S. N. M.

Allied to *A. jonesalis* Schaus which has the postmedial and subterminal white markings of hind wing expanding into spots.

***Ambia asaphalis*, new species.**

*Female*.—Body wood brown; collar and edges of patagia white, abdomen with vinaceous buff segmental bands; abdomen below white with wood brown segmental bands. Wings white, the markings chiefly yellow ocher finely edged with black. Fore wing: a broad inbent antemedial fascia, its proximal edge rather heavily shaded with black; medial fascia vertical, its proximal edge outcurved to cell, its outer edge formed below cell by the fine black postmedial line which is outcurved and retracted at vein 4 along median, in cell the medial fascia is distally edged by a white discocellular lunule edged with black; the space within postmedial below costa is crossed by a broad yellow ocher streak, and there is similar shading along the postmedial; a broad subterminal fascia curved and inbent at vein 2, its edging suffusing with the postmedial at vein 2 and cell, below vein 2 it is downturned and narrower to inner margin suffusing with the marginal fascia which is shortly inbent on inner margin, and does not extend above vein 8, the white line preceding the marginal fascia is crossed on vein 8 by a yellow ocher streak. Hind wing: a narrow antemedial fascia expanding into a round spot in cell; a medial fascia, its proximal edge almost straight from subcostal, its distal edge formed by a postmedial line retracted at vein 4 to cell enclosing a large white space beyond a black discocellular lunule; subterminal fascia curved and retracted on inner edge to medial fascia below vein 2, then again outcurved; a marginal band.

Expanse, 16 mm.

*Habitat*.—Tiguri, Carabaya, Peru.

*Type*.—Cat. No. 27008 U. S. N. M.

Allied to *A. marconalis* Schaus and *A. jonesalis* Schaus.

***Ambia arnoulalis*, new species.**

*Male*.—Body light pinkish cinnamon, some black irrorations on abdomen. Wings thickly suffused with mikado and snuff brown. Fore wing: a curved subbasal whitish line irrorated with black; a white antemedial line outangled in cell, then inbent and expanding on inner margin; a slight swelling on costal edge medially; a thick white postmedial line inbent from costa to vein 2, inset, broader and outbent to inner margin; a subterminal black line parallel with termen preceded by some fuscous irrorations; termen clear sayal brown; cilia black tipped with white. Hind wing: an antemedial white fascia; a postmedial line, white from costa to vein 5 and on inner margin, the intermediate portion thickly irrorated with black; a faint subterminal black line parallel with termen.

Expanse, 18 mm.

*Habitat*.—Jalapa, Mexico.

*Type*.—Cat. No. 27009 U. S. N. M.

Allied to *A. symphorasalis* Schaus, the two species standing by themselves.

**Ambia symphorasalis**, new species.

*Female*.—Palpi white; head and body above tawny olive, underneath cinnamon buff with segmental white lines ventrally; legs whitish buff. Fore wing tawny olive, the markings white; a line from subcostal near middle strongly inbent and expanding to inner margin; a streak from discocellular to subterminal line which is deeply outcurved and inbent to inner margin postmedially, finely edged with hair brown scales, preceded from vein 4 to inner margin by some orange cinnamon shading; a marginal narrow whitish line edged with hair brown scaling, the termen narrowly ochraceous buff; cilia silvery gray. Hind wing to postmedial line suffused with mikado brown; a little white at base; an antemedial white fascia edged with fuscous; a black point at end of cell; a postmedial white line deeply outcurved beyond cell, distally finely edged with black, proximally preceded by some snuff brown scaling; terminal space ochraceous buff, divided by a white line edged with black; cilia hair brown; the apex produced at vein 7. Wings below with the markings reduced.

Expanse, 18 mm.

*Habitat*.—Chejel, Guatemala.

*Type*.—Cat. No. 27010 U. S. N. M.

**Ambia cilianalis**, new species.

*Male*.—Palpi, head and thorax white, the patagia with two brown spots and tipped with light cadmium. Abdomen white, with light cadmium transverse bands except on basal segment; abdomen below light buff with segmental lines. Wings white, the markings mostly light cadmium. Fore wing: subbasal black points on subcostal and median, the latter followed by a small light cadmium spot and another black point; an antemedial fascia outangled below cell followed by a parallel medial fascia angled below vein 2; a broad postmedial fascia outbent, suffusing with a subterminal band above vein 2 and with an elongated spot on inner margin, this latter also suffusing with the narrow terminal band; a fuscous oblique streak on postmedial at discocellular, this fascia followed by a triangular spot resting on costa, its apex at vein 4; all the markings finely edged with black. Hind wing: a broad antemedial, medial and postmedial fascia, somewhat sinuous; a narrow terminal band suffusing with postmedial at anal angle, a few black and white points on it between veins 3 and 6. Hind wing below white, the fascia seen in transparency; no terminal band.

Expanse, 14 mm.

*Habitat*.—Geldersland, Surinam.

*Type*.—Cat. No. 27011 U. S. N. M.

**Ambia cantiusalis**, new species.

*Female*.—Head and body white; two pale orange yellow lines on collar and one across patagia, similar lines on abdomen above. Wings white, the markings chiefly light orange yellow. Fore wing: a subbasal and a broader antemedial line; a fine fuscous outcurved medial line connected with postmedial by an orange yellow bar on vein 1; a small spot in end of cell; an incurved fuscous lunule containing a white line; postmedial line fine, fuscous, curved from vein 5 to lower end of cell, then erect to inner margin, the curve from vein 5 filled in

with pale orange yellow to cell, and a similar streak on veins 6 and 7, a small spot on costa above it; a subterminal band edged with black, parallel with postmedial to near end of cell; a terminal band inwardly edged by a fine black line upcurved at vein 1 to subterminal. Hind wing; an antemedial broad line; medial fascia broad on costa, its proximal edge straight, its discal edge finely black upcurved from vein 4 to vein 2, becoming narrower to inner margin, a white space on it from within cell to its outer edge, the discocellular line remaining pale orange yellow; subterminal and terminal lines sinuous, parallel, partly edged with black and suffusing at apex and anal angle; cilia white with smoky mottling at apex, vein 4 and below vein 2.

Expanse, 15 mm.

*Habitat*.—Col. Perene, Peru.

*Type*.—In Cornell University

*Paratype*.—Cat. No. 27107 U. S. N. M.

Near *A. dendalis* Druce. Collected by the Cornell University Expedition.

#### ***Parambia cedroalis*, new species.**

*Female*.—Palpi whitish with pale avellaneous tips to joints, head, collar and thorax white; abdomen above fuscous black, the basal segment white with subdorsal fuscous points, the others with fine white segmental lines; body below and legs avellaneous, the fore tarsi with whitish rings. Fore wing: base white expanding to middle of costa, limited by a fine oblique black line from inner margin to subcostal, continued as a fine brownish line outangled on costa, the costa beyond creamy white; the space beyond from subcostal to inner margin drab gray thickly irrorated with chaetura drab and with cinnamon brown shading along the black line; a fine white outcurved line from costa before apex, becoming terminal at vein 3 with black points at vein 2 and submedian fold; the apex creamy white; cilia drab. Hind wing: costal half white, the lower half drab; a black medial spot below vein 2 extending to inner margin, with another spot below it on inner margin; a fine postmedial white line from vein 4 to inner margin above angle followed by black scaling from below vein 3; some terminal drab shading to apex; a terminal white line with black points on interspaces, and a line near angle. Hind wing below avellaneous, the termen narrowly white with short black lines on interspaces.

Expanse, 12 mm.

*Habitat*.—Alto del Cedro, near Santiago, Cuba.

*Type*.—Cat. No. 27012 U. S. N. M.

Allied to *P. glenealis* Dyar.

#### ***Oligostigma odrianalis*, new species.**

*Male*.—Body above drab, some white on collar behind; the patagia posteriorly, a small dorsal spot on metathorax and the third segment of abdomen white; body below and legs white. Fore wing snuff brown, the costal margin broadly suffused to outer line with pale ochraceous buff; outer line white, remote, parallel with termen from costa to vein 4 then gradually expanding and incurved to inner margin, followed by a snuff brown narrow band parallel throughout with



termen, then a fine white line and the terminal antimony yellow band, the latter edged with black more heavily proximally; inner margin terminally antimony yellow; cilia grayish. Hind wing white; a point at base, a subbasal fascia and a postmedial fascia snuff brown, the latter from the marginal antimony yellow band below costa to near inner margin where the marginal band is upbent along it; the marginal band edged with black, the outer edging forming below apex three triangles filled in with white; cilia with a fine black line near base.

Expanse, 21 mm.

*Habitat*.—Sao Paulo, S. E. Brazil.

*Type*.—Cat. No. 27013 U. S. N. M.

Allied closely to *O. juncealis* Guenée; vein 4 and 5 on hind wing midway from cell, in *juncealis* they diverge close to termen. All our specimens of *O. juncealis* are from French Guiana and are considerably larger than the figure in Guenée's *Pyrallites*, and also have in the male a distinct swelling at the base of costa.

#### ***Oligostigma andeclalis*, new species.**

*Female*.—Palpi and head tiller buff; body above drab, the abdomen with transverse fuscous black bands. Fore wing: base light cinnamon drab; a basal black spot on costa; subbasal and antemedial blackish lines, the space limited by a more pronounced black line outcurved on costa, slightly inbent from within cell to inner margin; medial and costal space within postmedial saccardo's umber; postmedial line almost vertical from costa to vein 4, retracted around the whitish discocellular and downbent to inner margin, followed throughout by a narrow whitish shade and then by a parallel wood brown shade slightly suffused with ochraceous on costa; terminal band antimony yellow proximally edged by a black line preceded by a thick white line; cilia fuscous at base. Hind wing whitish; an antemedial broad medial and a postmedial saccardo's umber fascia, the medial not reaching costa; a terminal antimony yellow band proximally edged by a black line, terminally with black points on interspaces. Hind wing below with the fascia narrower.

Expanse, 16 mm.

*Habitat*.—Castro, Parana, Brazil.

*Type*.—Cat. No. 27015 U. S. N. M.

The palpi have the third joint angled back against frons.

#### ***Aulacodes congallalis*, new species.**

*Female*.—Body and wings bone brown, the abdomen with dorsal segmental lines, the wings with white lines. Fore wing: antemedial line fine, outcurved; median line vertical from costa, outbent from fold to inner margin; postmedial very faint, retracted from vein 3 to the whitish discocellular and downcurved; subterminal line broader from costa to vein 5, and near tornus; cilia black at base. Hind wing: a fine antemedial and postmedial line; the subterminal distinct near apex and anal angle.

Expanse, 13 mm.

*Habitat*.—Cayuga, Guatemala.

*Type*.—Cat. No. 27015 U. S. N. M.  
Nearest *A. obtusalis* Dyar.

***Aulacodes julittalis***, new species.

*Female*.—Palpi bister tipped with white; frons white with a medial bister streak; body bister, the patagia tipped with white, the second segment of abdomen mottled with white and a white band on last segment; body below silvery white, the segments of abdomen with tawny olive bands. Fore wing bister; costal edge mostly white; a fine white antemedial line almost vertical; a fine white medial line, outbent to median, below it more oblique but almost obsolete, followed in cell by a sayal brown patch; a fine white postmedial line vertical on costa, oblique on discocellular to vein 3, then upcurved to costal margin, but slightly inbent at vein 7 and emitting a short white streak bent towards discocellular; a subterminal dentate white line distally edged with sayal brown; termen narrowly pinkish buff with a fine terminal bister line; cilia snuff brown and white crossed by a dark line. Hind wing bister; medial space white from below costa to near inner margin, preceded and followed by a fine white line from costa to inner margin; termen narrowly mottled with white and pinkish buff; an interrupted terminal bister line; cilia with a bister line very faint towards anal angle.

Expanse, 13 mm.

*Habitat*.—Alhajuelo, Panama.

*Type*.—Cat. No. 27016 U. S. N. M.  
Collected by A. Busck.

***Aulacodes nissenalis***, new species.

*Female*.—Body white; a tawny olive point on vertex, line on shoulders and faint dorsal spots on abdomen, the latter with a dorsal and subdorsal points on basal segments, a fuscous black band on second segment and subdorsal black points on next to last segment. Wings white, the markings fine, tawny olive. Fore wing: a point at base of costa; a subbasal oblique line on costa and point beyond in cell, also a point below it on vein 1; an antemedial line from cell to inner margin; a large annulus in cell, and on discocellular; a medial lunule below cell and short streak on vein 1; postmedial streaks on veins 3, 4, 5, 6 and discal fold, followed by a line inangled above vein 5, inbent below vein 2; subterminal and terminal lines. Hind wing: antemedial and medial wavy lines, a line between them in cell; postmedial line deeply incurved below vein 6 and again below vein 2, preceded by streaks on veins 3 and 4; a postmedial line from costa to below vein 2; a terminal line; cilia white crossed by a smoky line.

Expanse, 19 mm.

*Habitat*.—Callao, Peru.

*Type*.—Cat. No. 27017 U. S. N. M.  
Received from Mrs. M. J. Pusey. Allied to *A. citronalis* Druce.

***Aulacodes fiachnalis***, new species.

*Female*.—Body chaetura drab; abdominal segments with faint whitish segmental lines, the basal segment with some white points. Wings hair brown.

Fore wing: darker irrorations forming indistinct subbasal and antemedial bands, partly interrupted; a faint very fine whitish medial line, outcurved on costa, with dark scaling distally from cell to inner margin; postmedial line fine, but more distinct, incurved on costa, then outcurved, slightly inangled at vein 2; marginal black points, almost forming a line from near apex to submedian fold; a very fine terminal dark line and two similar lines at base of grayish cilia which are also tipped with black from apex to submedian fold, below which the cilia are whitish; the apex is slightly produced. Hind wing: costa whitish, the hair brown scaling linear; medial space from vein 5 to below vein 2 chaetura drab limited by a whitish postmedial line which does not reach margin; a fine marginal black line from vein 7 to below vein 2; a faint terminal line; cilia as on fore wing. Wings below with inner margins broadly whitish.

Expanse, 11 mm.

*Habitat.*—Alhajuelo, Panama.

*Type.*—Cat. No. 27018 U. S. N. M.

Collected by A. Busck.

***Aulacodes grimbalnalis*, new species.**

*Female.*—Palpi, head and basal segment of abdomen white, body above otherwise cinnamon buff with some white on collar behind and white segmental lines; body below silvery white. Fore wing cinnamon buff; a basal and antemedial whitish fascia; slightly darker medial and postmedial lines, the former evenly curved with some whitish proximally, the latter parallel, but slightly incurved below vein 2 with whitish distally; small marginal white spots above veins 7 and 8, and a terminal black point on submedian fold; cilia silvery cinnamon buff. Hind wing: base silvery white crossed by an antemedial cinnamon buff shade from cell to inner margin, connected with medial line by a narrow similar shade below vein 2; the medial line not reaching costa edged distally with white; space beyond cinnamon buff; a terminal black point below vein 2 and a white line from above it to anal angle; cilia cinnamon buff tipped with white.

Expanse, 11 mm.

*Habitat.*—Cayuga, Guatemala.

*Type.*—Cat. No. 27019 U. S. N. M.

***Aulacodes odulphalis*, new species.**

*Female.*—Palpi white; head and body above warm buff slightly darker on patagia; some white dorsally on basal segment of abdomen; body below light buff. Fore wing whitish, the veins warm buff to outer line, the medial and post-medial space irrorated with hair brown scales; subbasal, antemedial and medial warm buff spots on costa with faint traces of lines; a hair brown oblique streak on discocellular; outer line close to subterminal, warm buff on costa, black from vein 7 to vein 2, slightly incurved and inangled below fold; subterminal line warm buff, faint and parallel below vein 2 with outer line preceded and followed by white especially on distal side; a fine terminal broken black line; cilia with basal golden tipped with white and separated by a very fine blackish line. Hind wing: base, costal and inner margins silvery white; the outer space warm

buff; a medial band from below costa of hair brown irrorations with tufts of long hair brown scales to near anal angle; a blackish postmedial line, upcurved below vein 2 and downbent to anal angle; a similar subterminal line with silvery scales distally; termen from vein 5 to vein 2 with broad ochraceous orangé spots across veins distally edged with black and with paired black points on interspaces; from vein 5 to costa a fine terminal black line; cilia silvery white.

Expanse, 13 mm.

*Habitat*.—Cayuga, Guatemala.

*Type*.—Cat. No. 27020 U. S. N. M.

Near *A. calistoalis* Walker.

***Aulacodes adjutrealis*, new species.**

*Male*.—Body white; base of palpi hair brown; a fuscous black line across front of collar, and one across front of thorax; fuscous segmental lines on abdomen above. Wings white the lines fuscous black. Fore wing: streaks from base above subcostal, in cell, below median upbent from near base of inner margin, and a shorter streak more remote from base upbent and along vein 1, followed by a fine line outbent on costa and well outcurved below it; a fine line just beyond middle slightly outbent and straight from costa to inner margin, followed by a black edged buckthorn brown fascia, bifurcating near inner margin, the proximal band narrower and vertical, the distal band shortly outbent and upturned as a fuscous black line to costa, the enclosed white space containing a U shaped line; a subterminal line not reaching costa; an interrupted finer terminal line; cilia light buff at base followed by a smoky shade and white tips. Hind wing: a point at base; an antemedial line, a double medial line conjoined on costa, a postmedial line expanding between veins 6 and 2, containing a buckthorn brown line, a subterminal line and an interrupted terminal line; cilia as on fore wing. Fore wing below with the markings all hair brown.

Expanse, 16 mm.

*Habitat*.—Col. Perene, Peru.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27128 U. S. N. M.

Collected by the Cornell University Expedition. Differs from any known species by the longitudinal streaks at base of fore wing.

***Parthenodes briocusalis*, new species.**

*Female*.—Body above and wings sepia, underneath and legs drab, the venter mostly white with sepia bands and spots. Fore wing: lines whitish rather indistinct; an outcurved subbasal and antemedial line; an outbent medial line across costa and cell and a parallel line beyond cell; postmedial line sinuous, retracted to postcellular line and inbent to medial line at cell, then outcurved to inner margin; small marginal white spots, indistinct except one above and one below vein 6. Hind wing: an antemedial whitish line from within cell, downbent to below middle of inner margin, and a similar wavy line from discocellular to inner margin near angle; a subterminal wavy line near anal angle and traces of whitish marginal spots.

Expanse, 15 mm.

*Habitat*.—Geldersland, Surinam.

*Type*.—Cat. No. 27021 U. S. N. M.

Near *P. scaralis* Schaus.

***Parthenodes dabiusalis*, new species.**

*Female*.—Palpi, head and thorax white; abdomen white, the two basal and last segment with transverse cinnamon buff bands, the other segments with fuscous black bands. Fore wing: base white to a fine outcurved medial black line, almost entirely suffused with cinnamon buff, leaving a little white on costa and along the line, expanding towards inner margin; the line followed on costa by a triangular white spot, and below vein 2 by a broad fuscous black spot, otherwise by sayal brown to the very faint postmedial line which consists of blackish irrorations, outcurved at vein 5 incurved below vein 2, followed by blackish irrorations between veins 6 and 3, by white below vein 2 and a large clay color patch to near termen; a terminal clay color band edged with black, preceded by a white crescent from vein 7 to vein 4, by black below it to tornus interrupted by a small white spot between veins 3 and 2; cilia white except between veins 3 and 4 where it is black, also with black at base and at apex. Hind wing white; a short antemedial bister line on inner margin; some very fine and faint tilleul buff medial shading ending on inner margin in a broad black fascia; a subterminal avellaneous line and similar narrow shading on termen; subterminal and terminal shading yellowish towards anal angle; cilia white with some interrupted black marks near base.

Expanse, 18 mm.

*Habitat*.—Popocatepetl Park, Mexico.

*Type*.—Cat. No. 27022 U. S. N. M.

Near *P. mediocinctalis* Hampson.

***Parthenodes gualbertalis*, new species.**

*Female*.—Body drab irrorated thickly with black; whitish segmental lines on abdomen dorsally; body below whitish, the abdomen with ventral black points; fore legs black, the tarsi white. Wings pale drab gray thickly irrorated with hair brown. Fore wing: a subbasal black line from cell to inner margin; before middle a broader black line from cell, slightly inbent to inner margin; a quadrate black spot in end of cell suffusing with a fuscous costal spot; discocellular line defined by some black scaling; an outer distinct whitish line followed by irregular black suffusions almost forming a subterminal line; termen very narrowly whitish with black points; cilia black tipped with white. Hind wing: a fine blackish line from cell before vein 2 to inner margin at postmedial line, this latter whitish with some black scaling proximally; a fine dark line terminally preceded by some very faint whitish scaling; cilia white with a black line at base.

Expanse, 13 mm.

*Habitat*.—Geldersland, Surinam.

*Type*.—Cat. No. 27023 U. S. N. M.

***Bradina finbaralis***, new species.

*Female*.—Palpi warm buff with two oblique sepia streaks. Body above fuscous black; a light buff line on patagia; abdomen with white bands on second and fourth segments, some yellow ochre on fifth, last and anal segments, also three silver segmental lines; body below white. Fore wing sepia suffused with purple, the markings maize yellow, somewhat darker on costa; a point at base and subbasal line; a broad antemedial fascia, vertical; a large medial spot from costa to below submedian fold; a fine lunule on discocellular and a small triangular spot on costa beyond; an apical spot and termen narrowly from apex to vein 3; a small black subterminal spot above vein 7, and a line below it suffusing with dark portion; base of cilia silver. Hind wing partly maize yellow; subbasal sepia fascia suffusing with the inner marginal sepia space which extends to near angle, is irregular inwardly, suffusing with a small spot below vein 2; outer half from costa to vein 2 sepia, its inner edge outcurved, suffusing with a subterminal sepia spot below vein 2 which is also connected with a marginal spot near angle, the termen below them maize yellow; a terminal maize yellow line from apex to vein 4; base of cilia silver.

Expanse, 15 mm.

*Habitat*.—Cordoba, Mexico.

*Type*.—Cat. No. 27024 U. S. N. M.

***Bradina aaronalis***, new species.

*Male*.—Palpi maize yellow with two oblique black streaks; frons maize yellow; vertex sepia with a medial yellow line; collar sepia medially, laterally maize yellow; thorax sepia, the patagia mottled with yellow; abdomen dorsally sepia at base followed by a maize yellow band and sepia mottling on third segment, the following segments light orange yellow with fine black and white segmental lines; anal tufts white and black; body below and legs white. Fore wing maize yellow; a basal and a subbasal black line; a thick fuscous black vertical antemedial line suffusing on inner margin with a large spot beyond it which is upbent to cell at vein 2 and then outcurved to inner margin; discocellular edged by a thick sepia line; a broad outer warm sepia fascia from costa to below vein 3, vertical to vein 5 and slightly outbent below it, between vein 4 and 3 touching the terminal light cadmium band, this latter with some small sepia spots on its inner edge below costa and above tornus; cilia maize yellow with a thick silver line at base and blackish tips. Hind wing maize yellow; a subbasal black fascia; a medial fuscous black patch from below vein 2 expanding on inner margin; a broad postmedial fuscous black fascia from costa to vein 3, suffusing between veins 4 and 5 with the black edging of the terminal light cadmium band, this black edging obsolete from before vein 2, a small subterminal dark spot below vein 2 and another at vein 1; cilia as on fore wing.

Expanse, 15 mm.

*Habitat*.—Cayuga, Guatemala.

*Type*.—Cat. No. 27025 U. S. N. M.

Allied to *B. finbaralis* Schaus.

**Bradina hemmingalis**, new species.

*Female*.—Body and wings above dusky hair brown; body below dull white. Fore wing: a wavy outbent antemedial black line; a black spot on discocellular; broad outer black shade from costa, diffuse on inner side narrowing to vein 2 where it is inbent a short distance then downbent to inner margin, and is followed from costa to vein 5 by a white line, broadish on costa; cilia hair brown with a darker line near base. Hind wing: a postmedial line retracted below vein 2 and downbent to inner margin; cilia white with a fuscous black line at base.

Expanse, 16 mm.

*Habitat*.—Jamaica, West Indies.

*Type*.—Cat. No. 27026 U. S. N. M.

**Camptomastix baracoalis**, new species.

*Female*.—Palpi vinaceous brown. Head and thorax russet vinaceous; abdomen above vinaceous drab, the anal segment russet vinaceous; body below and legs white. Fore wing drab irrorated and suffused with russet vinaceous, on termen with benzo brown; a triangular buff yellow spot on middle of costa, its apex at lower angle of cell, edged behind by a ferruginous line which extends to base of costa and distally as a streak below costal edge which is buff yellow; cilia white except from just above vein 2 to vein 4 where it is benzo brown and the margin is produced. Hind wing mostly drab, except costa which is broadly white to near apex.

Expanse, 13 mm.

*Habitat*.—Baracoa, Cuba.

*Type*.—Cat. No. 27027 U. S. N. M.

This species only differs from typical *Camptomastix* in the produced apex and middle of termen of fore wing.

**Deuterophysa obregonalis**, new species.

*Male*.—Body above and wings saccardo's umber, the abdomen with white segmental lines above and below. Fore wing: a faint darker antemedial line slightly outcurved; a faint darker medial fascia; a large white postmedial spot on costa, narrower and rounded at vein 4 edged by a fuscous black line, a fuscous black terminal line; cilia white below apex and above tornus. Hind wing: a faint whitish postmedial line slightly outcurved beyond cell; a fuscous black terminal line; cilia partly white.

Expanse, 19 mm.

*Habitat*.—Slopes of Popocatepetl, Mexico, at an elevation of 10,000 feet.

*Type*.—Cat. No. 27028 U. S. N. M.

**Stenia ambialis**, new species.

*Male*.—Antennae serrate with white cilia. Palpi fuscous the fringe mottled with whitish; head buffy brown; thorax brown mottled with gray; abdomen above cinnamon, segments 2 to 5 with broad black bands and white segmental lines, underneath snuff brown. Fore wing white suffused with light buff and

irrorated with fuscous and black; base of costa black; a subbasal black point in cell; antemedial line fine black outangled on median followed in cell by a small black ocellus; costa from antemedial to apex clay color with black spots; two small white spots on discocellular edged with black; postmedial line black distally edged with white, wavy, slightly outbent from costa and vein 3, curved and retracted to lower end of cell, downbent and outcurved across fold, followed by a broad fuscous shade crossed by black lines on veins; subterminal white scaling from below costa to vein 5; a terminal black line, expanding into small spots. Hind wing whitish, the costa and inner margin smoky gray; medial black irrorations not reaching costa, its lower outer edge continued as a smoky shade to inner margin; a wavy postmedial fuscous line downbent at vein 2 to termen; termen broadly suffused with fuscous; a black marginal line coalescing with proximal black spots; cilia on both wings white crossed near base by a black line inwardly edged with buff, and with black spots on fore wing at apex and veins 4 and 3, on hind wing at vein 6 and vein 4.

Expanse, 12 mm.

*Habitat*.—Jalapa, Mexico; also from Guatemala.

*Type*.—Cat. No. 27109 U. S. N. M.

***Stenia nenuisalis*, new species.**

*Female*.—Palpi head and thorax buffy brown, some white hairs on meta-thorax; abdomen above drab irrorated with fuscous, white segmental line at base and on terminal segments. Wings tilleul buff irrorated with buffy brown. Fore wing: antemedial line light buff outangled in cell, outwardly shaded with fuscous from subcostal to inner margin; a fuscous annulus on discocellular; postmedial line light buff broadly shaded on both sides with fuscous faintly wavy, inangled at discal fold retracted at vein 2 towards discocellular which it does not reach and downbent to inner margin; terminal triangular fuscous spots connected by a fine line; cilia buff white crossed by two dark lines. Hind wing more whitish and thinly irrorated to the postmedial line which is whitish defined by slightly darker shading; termen broadly more thickly irrorated with buffy brown; a diffuse terminal fuscous line; cilia as on fore wing. Hind wing below whiter except on costa; a double dark streak at discocellular; terminal line reduced to spots.

Expanse, 28 mm.

*Habitat*.—Trujillo, Peru.

*Type*.—Cat. No. 27110 U. S. N. M.

Allied to *S. gelliasalis* Walker.

***Stenia dominicalis*, new species.**

*Female*.—Palpi, body above and wings buffy brown, the palpi below and throat white; abdomen below whitish buff irrorated with drab; fore coxae and tarsi olive brown, the latter with white rings; mid and hind legs light buff, the spurs fuscous black. Fore wing: antemedial line fuscous slightly outangled on median, followed in cell by a small fuscous annulus and a larger annulus over discocellular; postmedial line fuscous distally edged with white except where retracted along vein 2, dentate from costa, inangled at fold, retracted at vein 2



to near cell, curved and slightly outbent below vein 2 to inner margin; terminal black spots on interspaces; cilia buffy brown with a pale line at base. Hind wing: a postmedial pale line dark shaded on both sides, vertical from costa to vein 2 at termen, retracted and very faint to inner margin; small triangular black terminal spots. Hind wing below whiter, the postmedial line curved, inangled at fold; a dark spot on discocellular; termen broadly buffy brown. Male antennae with tuft before middle.

Expanse, 18 mm.

*Habitat*.—Dominica, B. W. I.

*Type*.—Cat. No. 27111 U. S. N. M.

Near *S. declivalis* Dyar.

***Stenia ceddalis*, new species.**

*Male*.—Antennae serrate ciliate with a tuft at one-third from base. Body above hair brown, underneath whitish thickly irrorated with hair brown; mid and hind legs drab gray, the tarsi whitish, fore legs hair brown, the tarsi with pale rings. Fore wing thickly irrorated with hair brown; a fuscous black diffuse antemedial line slightly outbent; reniform faintly paler, very indistinct; postmedial line pale with fuscous black shading proximally, wavy, slightly incurved at discal fold, retracted at vein 2 to lower angle of cell and downbent to inner margin; a very fine interrupted terminal fuscous line; cilia hair brown crossed by two black lines, with a whitish line at base interrupted by black cilia at veins. Hind wing whitish irrorated with hair brown more thickly on termen especially at apex; a very fine terminal line; cilia white crossed by a single black line and without black spots at veins. Hind wing below whiter with irrorations on costa and apex; traces of a fine dark postmedial line.

Expanse, 13 mm.

*Habitat*.—Cayamas, Cuba.

*Type*.—Cat. No. 21112 U. S. N. M.

Allied to *S. dominicalis* Schaus.

***Stenia midalis*, new species.**

*Female*.—Body and wings cupreous buffy brown, palpi white below, legs avellaneous. Fore wing: lines fine, fuscous; a vertical subbasal line; antemedial line wavy, outangled on median; a streak on discocellular; postmedial wavyly dentate slightly outcurved to above vein 2, retracted to near discocellular and downbent, terminal fuscous spots; cilia hair brown darker shaded at base beyond a pale line. Hind wing: a streak on discocellular; postmedial line incurved below vein 2 and downbent to inner margin close to anal angle; a terminal fuscous line; cilia mostly white with a fuscous line near base. Wings below paler, the lines as above.

Expanse, 21 mm.

*Habitat*.—Quevedo, Ecuador.

*Type*.—Cat. No. 27113 U. S. N. M.

***Stenia marialis*, new species.**

*Female*.—Palpi fuscous, white below; head and thorax drab; abdomen above white at base, with narrow dorsal hair brown shade, the following segments hair

brown with fine segmental white lines; abdomen laterally and below silvery white; legs mostly buff white, the fore legs streaked with drab. Fore wing drab with darker markings; an outbent antemedial line; a lunule on discocellular; postmedial line vertical to vein 2, retracted towards cell to above vein 2, and downbent, followed by a very faint light drab narrow shade; terminal dark points; cilia light buff at base followed by a drab line, the tips broadly white. Hind wing white, thinly scaled, the termen suffused with drab; a hair brown postmedial wavy line slightly retracted at vein 2. Fore wing below paler without the antemedial line.

Expanse, 20 mm.

*Habitat*.—Volcan de Santa Maria, Guatemala.

*Type*.—Cat. No. 27114 U. S. N. M.

***Stenia styalis*, new species.**

*Male*.—Antennae ciliated. Body and wings above hair brown, the latter without markings; cilia fuscous black with a very faint paler line at base. Palpi below white; abdomen below whitish buff; legs whitish buff, the fore legs except tarsi hair brown. Wings below whitish, the fore wing and termen of hind wing suffused with hair brown; dark lines on discocellulars; a faint dark postmedial line, retracted on both wings below vein 2 to near cell.

Expanse, 20 mm.

*Habitat*.—St. Jean, French Guiana.

*Type*.—Cat. No. 27115 U. S. N. M.

***Stenia cronanalisis*, new species.**

*Male*.—Palpi fuscous above, white below. Body white; a fuscous line on collar outwardly; a segmental black line between first and second segments of abdomen, the following three segments with dorsal fuscous spots, the terminal segments fuscous black dorsally with white segmental lines; fore tibiae and tarsi fuscous black. Wings white with terminal fuscous black points, the lines fine, buffy brown. Fore wing: costal margin suffused with buffy brown; an out-curved antemedial line followed by a broken ocellus in cell at subcostal; discocellular defined by lines; postmedial finely wavy, vertical to vein 2, retracted, almost obsolete to below cell and wavy to inner margin. Hind wing: a line on discocellular; postmedial line lunular between veins 5 and 2, retracted but faint to below cell and curved to inner margin.

Expanse, 22 mm.

*Habitat*.—El Campamiento, Col. Perene, Peru.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27116 U. S. N. M.

Near *Stenia costalis* Hampson. Collected by the Cornell University Expedition.

***Stenia bademusalis*, new species.**

*Male*.—Palpi fuscous above, white below. Body white; a fuscous line on collar laterally and shoulders below; abdomen with small dorsal buffy brown spots except on three basal segments. Fore wing white; costa suffused with

buffy brown; a faint buffy brown spot in cell and discocellular lines; postmedial line faint, buffy brown, slightly outbent from costa to termen at vein 2, retracted to vein 3 and cell but almost imperceptible, then vertical to inner margin; terminal sayal brown points; cilia white. Hind wing white; a faint postmedial line outcurved between vein 5 and termen near tornus; an interrupted terminal sayal brown line, faintly lunular.

Expanse, 23 mm.

*Habitat*.—Hacienda San Juan, Col. Perene, Peru.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27117 U. S. N. M.

Near *S. costalis* Hampson. Collected by the Cornell University Expedition.

***Stenia carthagalis*, new species.**

*Male*.—Palpi fuscous above, white below. Head, thorax and base of abdomen white, the latter otherwise light buff dorsally with white segmental lines. Wings whitish buff the lines fine hair brown; terminal blackish points; cilia tipped with white. Fore wing: costal margin and postmedial space from cell to line finely irrorated with hair brown; antemedial line outcurved followed by a dark point in cell at subcostal; a black line on discocellular; postmedial line from a black spot on costa, wavy, outcurved from vein 5 to vein 2, retracted to near lower angle of cell and erect to inner margin; the termen suffused with wood brown, broadly so at apex. Hind wing: a black spot on discocellular; postmedial line inangled at discal fold, outcurved to near termen at vein 2, retracted and downbent to inner margin near tornus.

Expanse, 16 mm.

*Habitat*.—El Campamiento, Col. Perene, Peru.

*Type*.—In Cornell University.

*Paratype*.—Cat. No. 27118 U. S. N. M.

Collected by the Cornell University Expedition.

***Stenia primolalis*, new species.**

*Female*.—Head white, a buffy citrine line across top of frons, and a similar mark on vertex; body white, the tegulae fuscous in front; a honey yellow spot on shoulders; legs whitish with some buffy markings. Wings white, the markings honey yellow. Fore wing: the basal half of costa honey yellow; an antemedial inbent fascia, interrupted at median; a medial fascia inbent with a fine white line on discocellular; a postmedial fascia narrow on costa, expanding to inner margin at tornus; a large terminal spot from below costa to vein 2, leaving a narrow incurved white line between it and the postmedial. Hind wing: a medial fascia; postmedial terminating at anal angle; a terminal spot from apex to vein 3. Fore wing below pale isabella color, with some whitish markings on disc. Hind wing below white, the markings duller; the medial fascia with a whitish dark edged spot on discocellular.

Expanse, 14 mm.

*Habitat*.—Geldersland, Surinam.

*Type*.—Cat. No. 27119 U. S. N. M.

**Stenia guianalis**, new species.

*Female*.—Body white; some dorsal drab shading on three terminal segments of abdomen. Wings white, the lines isabella color. Fore wing: costa suffused on basal half with light drab; antemedial line slightly outbent, beyond it a small drab spot below subcostal; discocellular defined by dark lines from costa; postmedial line remote, vertical to vein 5, outcurved to below vein 3 and retracted to lower angle of cell, then vertical to inner margin; termen suffused with isabella color; cilia white. Hind wing: a faint line on discocellular; postmedial line outcurved from vein 5 to vein 2 and retracted to near cell; terminal suffusions, interrupted between veins 4 and 2.

Expanse, 15 mm.

*Habitat*.—St. Jean, French Guiana.

*Type*.—Cat. No. 27120 U. S. N. M.

**Stenia turiafalis**, new species.

*Male*.—Body white, some buffy brown on collar and shoulders; abdomen above buffy brown. Wings white, the markings buffy brown. Fore wing: the costal margin buffy brown, reaching vein 6 except at termen; traces of an antemedial line below cell and on inner margin; an annulus in cell from subcostal to near median; discocellular long, oblique, defined by buffy brown lines; postmedial line vertical to vein 2 close to termen, retracted to end of cell at vein 3, curved across vein 2 near cell and downbent, slightly sinuous to inner margin; broad streaks between vein 4 and discal fold on terminal space; veins 1 and 2 slightly suffused with buffy brown; a terminal line, punctiform from discal fold to apex; cilia white with brownish spots beyond base. Hind wing: a streak on discocellular; postmedial line slightly wavy, vertical from costa to termen at vein 2, retracted to cell, curved and sinuous to inner margin; a terminal line not reaching anal angle. Fore wing below with broad diffused streaks on veins 2-5.

Expanse, 20 mm.

*Habitat*.—Peru?

*Type*.—Cat. No. 27121 U. S. N. M.

**Stenia caclamalis**, new species.

*Male*.—Antennae ciliated; head and thorax drab, the latter with some white; abdomen white dorsally suffused with drab except at base. Fore wing with the apex produced and acute, thinly scaled, white, the costa and termen broadly suffused with aeneous drab. Hind wing semihyaline white; some drab shading and terminal points at apex. Hind wing below with a drab streak on upper discocellular; a fine postmedial line on costal margin.

Expanse, 22 mm.

*Habitat*.—Colombia.

*Type*.—Cat. No. 27122 U. S. N. M.

**Stenia cayugalis**, new species.

*Female*.—Palpi white with a fuscous streak above. Body and wings chamois, the markings fuscous, the lines consisting of fine diffused scales. Fore wing: basal half of costa with dark irrorations; antemedial line outcurved followed by a

small annulus in cell at subcostal; reniform defined by lines; postmedial line vertical from costa to discal fold where it is slightly inangled, then outcurved to vein 2, retracted and obsolescent to lower angle of cell and wavy downbent to inner margin; terminal small triangular spots becoming linear towards apex; cilia smoky gray crossed near base by a macular black line. Hind wing: a sinuous medial line; postmedial line wavy to termen at submedian fold; a terminal line; cilia as on fore wing. Underneath paler, the markings a trifle finer.

Expanse, 14 mm.

*Habitat*.—Cayuga, Guatemala.

*Type*.—Cat. No. 27123 U. S. N. M.

Near *S. mononalis* Dyar, but much smaller.

***Stenia herreralis*, new species.**

*Female*.—Palpi fuscous, underneath white; head and thorax cinnamon drab; abdomen light buff, dorsally suffused with drab except on pale segmental lines. Fore wing whitish, thickly irrorated with drab, the lines fine hair brown; antemedial line outangled below cell; a small medial spot in cell; a line on discocellular; postmedial line slightly incurved from costa to vein 5, outcurved to below vein 3, retracted towards cell, downbent and outangled on fold; terminal black points on interspaces; cilia light buff at base followed by a hair brown line, the tips broadly silvery light buff. Hind wing white thinly irrorated with drab on outer half from costa to vein 2; a medial outcurved hair brown line; a postmedial line, inangled above vein 5, then downbent to termen below vein 2; an interrupted terminal line; cilia as on fore wing. Wings below buff white, the lines as above but punctiform. The wings broad.

Expanse, 18 mm.

*Habitat*.—Volcan de Santa Maria, Guatemala.

*Type*.—Cat. No. 27124 U. S. N. M.

***Stenia caulealis*, new species.**

*Male*.—Antennae pubescent. Body above silky hair brown, the base of abdomen white except a dorsal line; underside and legs silvery white, the fore legs partly hair brown. Fore wing aeneous hair brown, the cilia tipped with grayish. Hind wing semihyaline white, the termen suffused with aeneous hair brown. Fore wing below paler.

Expanse, 20 mm.

*Habitat*.—Volcan de Santa Maria, Guatemala.

*Type*.—Cat. No. 27125 U. S. N. M.

***Stenia beuvealis*, new species.**

*Female*.—Palpi fuscous black. Head and body white; neck behind fuscous; abdomen above with faint pale grayish bands. Fore wing white suffused with cream buff; costa fuscous to beyond middle; antemedial line cinnamon drab, outcurved below cell, followed by a fuscous spot at subcostal; discocellular defined by two fuscous lines; postmedial line black on costa, below it cinnamon drab, slightly outbent at fold and vertical to vein 2, retracted, but very faint, along vein 2, not reaching cell and downbent to inner margin; terminal fuscous points;

cilia cream white; a black point at apex. Hind wing white suffused with cream buff beyond cell to apex; a fine postmedial wavy line from costa to vein 2 at termen; a fine and faint terminal line; cilia as on fore wing, without the apical black point. Wings below whiter, the markings very faint.

Expanse, 14 mm.

*Habitat.*—St. Laurent, French Guiana.

*Type.*—Cat. No. 27126 U. S. N. M.

***Stenia branealis*, new species.**

*Female.*—Body and wings above cinnamon buff irrorated with drab and black. Palpi below and throat white; body below and legs buff white, the fore legs with some dark markings. Lines on wings fine, black. Fore wing: a subbasal black point on inner margin; antemedial line outcurved; a small ocellus at middle of cell on subcostal; two black lines at discocellular, the proximal line curved; postmedial line remote, wavy, inbent to vein 5 then outcurved and retracted to near cell, hardly traceable where retracted, downbent to inner margin; terminal black points; cilia cinnamon buff with faintly darker spots. Hind wing: a fine medial line; postmedial line outcurved and minutely dentate between veins 5 and 2, terminating at vein 2 near termen; a fine marginal crenulate line. Wings below paler with a few irrorations on fore wing; postmedial line as above; terminal black points on both wings; a black bar on discocellular of hind wing; antemedial line from vein 2 to inner margin.

Expanse, 17 mm.

*Habitat.*—Kingston, Jamaica.

*Type.*—Cat. No. 27127 U. S. N. M.

***Piletocera agathanalis*, new species.**

*Male.*—Fore wing with the costa straight, the apex rounded and somewhat produced, the termen incurved from vein 5 to vein 3. Palpi and head drab, collar and thorax pallid purplish gray, the patagia silvery; abdomen above drab gray, the base and anal segment white; body below white, the fore coxae cream color, a metallic brown shade at base of tarsi. Fore wing whitish, the costa cell and postmedial space before line suffused with purplish brown, the termen with fuscous; a fuscous spot at base of costa and a spot near base of inner margin; antemedial line fuscous, outcurved, almost angled at median; a fuscous black line on discocellular forming part of a fainter medial line, inbent from fold to inner margin; postmedial line rather remote, fuscous, vertical to discal fold, minutely wavy, slightly retracted below vein 3 and downbent to inner margin; faint terminal dark points; cilia whitish. Hind wing semihyaline, whitish, the termen suffused with purplish brown; a black point on discocellular; a dentate postmedial fuscous line to vein 3, retracted and forming a wavy medial line to inner margin; a fuscous terminal line; cilia whitish.

Expanse, 18 mm.

*Habitat.*—Tabernilla, Panama.

*Type.*—Cat. No. 27108 U. S. N. M.

Collected by A. Busck.